

**THE PORT AUTHORITY  
OF NY & NJ**

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No. Date Revision Approved

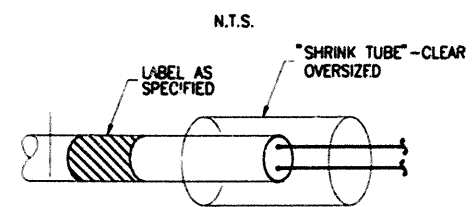
Engineering Department  
Design Division  
**The World Trade  
Center**

Title  
**CONCOURSE FIRE  
ALARM SYSTEM  
TELEPHONE AND  
ALD LOOP DEVICES**  
**ELECTRICAL**  
**TSC BLOCK  
WIRING DIAGRAM  
SHEET 1  
(TSC-CS-1A & ATC-CS-1A)**

This drawing subject to conditions in contract.  
All inventions, ideas, designs and methods  
herein are reserved to Port Authority and  
may not be used without its written consent.  
S. FELDMAN F. DEVITA J. W.  
Designed by Drawn by Checked by  
Date MARCH 18, 1998 Scale NONE  
Contract Number Drawing Number  
**WTC-857.092**  
**SUPPLEMENT NO.1** **E-21**

FILE NAME: 01\WTC-857.092\ALD\_SUPP1\CONWRECS\_E-21.DWG 3/19/1998 HECTOR ALVARADO

**DETAIL "B" - TYPICAL CABLE LABELING METHOD**



- APPLY LABEL TO OUTER JACKET OF CABLE  
MAXIMUM OF 3" FROM STRIPPED END AS SHOWN  
NOT TO BE COVERED BY OVERSIZED SHRINK.  
- DETAIL APPLIES TO ALL CABLE TYPES

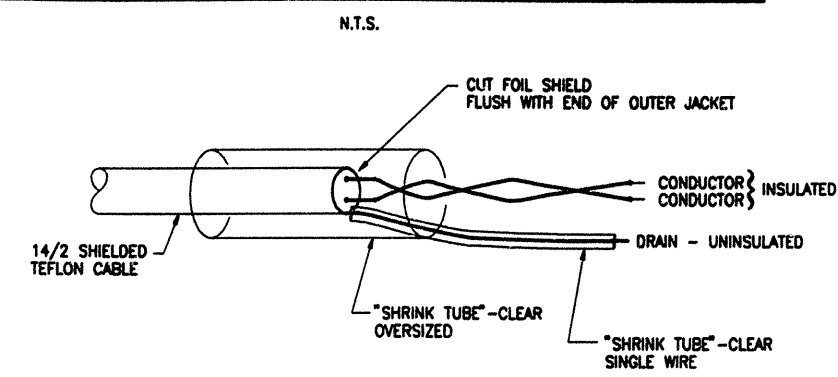
**CIRCUIT DESIGNATION:**

ALD - (TENANT NAME) CABLE IDENTIFICATION TAG;  
OR (BRADY LABEL #WML-305-292 O.A.E.)  
TEL - SJ  
TYPE OF CIRCUIT: (TENANT NAME)  
ALD - ALD LOOP DEVICE CIRCUIT. SJ - STAND PIPE PHONE JACK CIRCUIT.  
TEL - TELEPHONE CIRCUIT.

**TERMINATION LEGEND**

FC-CS2-ALD-1  
TB2  
+ (R) 2  
TERMINAL BLOCK STRIP NUMBER 2  
TERMINAL BLOCK #2  
+ INDICATES POSITIVE POLARITY  
(R) INDICATES RED WIRE  
(W) INDICATES WHITE WIRE  
(B) INDICATES NEGATIVE POLARITY  
(S) INDICATES BLACK WIRE  
2 INDICATES SHIELD/DRAIN WIRE  
2 INDICATES TERMINAL BLOCK NUMBER

**DETAIL "A" - TYPICAL SHIELD/DRAIN INSULATING METHOD**



**NOTES:**

1. FOR LEGEND AND GENERAL NOTES SEE DRAWING E-1.
2. ALL SHIELD CONDUCTOR MUST BE ISOLATED FROM GROUND. APPROVED SHRINK TUBING MUST BE USED ON ALL DRAIN CONDUCTORS.
3. ALL WIRING SHALL BE FREE OF GROUND FAULTS, OPENS, SHORTS AND STRAY VOLTAGES.
3. ALL WORK SHALL BE DONE IN THE PRESENCE AND UNDER THE DIRECT SUPERVISION OF THE ENGINEER.

